

Claims:

1 1. An exchange tray comprising:  
2 an exchange containment unit matching a packing containment unit of a packing tray to  
3 receive a component of a hard disk drive; and  
4 an exchange base to support the exchange containment unit.

1 2. The exchange tray of claim 1, wherein the exchange tray is able to contain a plurality of  
2 components.

1 3. The exchange tray of claim 1, wherein the exchange containment unit is an indentation  
2 shaped to hold the component.

1 4. The exchange tray of claim 1, wherein the exchange containment unit is a set of pins to  
2 hold the component.

1 5. The exchange tray of claim 1, further comprising a limiter attached to the exchange base  
2 to match a limiter of the packing tray.

1 6. The exchange tray of claim 1, wherein the component is a magnetic read/write head.

1 7. The exchange tray of claim 1, wherein the component is a micro-actuator.

1 8. The exchange tray of claim 1, wherein the component is a head gimbal assembly.

- 1 9. The exchange tray of claim 1, wherein the component is a head suspension
- 1 10. The exchange tray of claim 1, further comprising at least one pin hole in the exchange
- 2 base matching at least one pin hole in the packing tray.
- 1 11. The exchange tray of claim 1, wherein the component is moved from the packing tray to
- 2 the exchange tray by positioning the exchange tray above and in contact with the packing tray
- 3 and rotating the packing tray and the exchange tray together.
- 1 12. A system, comprising:
  - 2 a packing tray with a packing containment unit to hold a component of a hard disk drive;
  - 3 and
  - 4 an exchange tray with an exchange containment unit matching the packing containment
  - 5 unit to receive the component.
- 1 13. The system of claim 12, wherein the exchange tray and the packing tray are able to
- 2 contain an equal plurality of components.
- 1 14. The system of claim 12, wherein the exchange containment unit is an indentation shaped
- 2 to hold the component.
- 1 15. The system of claim 12, wherein the exchange containment unit is a set of pins to hold
- 2 the component.

1 16. The system of claim 12, further comprising a limiter attached to the exchange base to  
2 match a limiter of the packing tray.

1 17. The system of claim 12, wherein the component is a magnetic read/write head.

1 18. The system of claim 12, wherein the component is a micro-actuator.

1 19. The system of claim 12, wherein the component is a head gimbal assembly.

1 20. The system of claim 12, wherein the component is a head suspension.

1 21. The system of claim 12, further comprising at least one pin hole in the exchange base  
2 matching at least one pin hole in the packing tray.

1 22. The system of claim 12, wherein the component is moved from the packing tray to the  
2 exchange tray by positioning the exchange tray above and in contact with the packing tray and  
3 rotating the packing tray and the exchange tray together.

1 23. A method, comprising:  
2 placing a component of a hard disk drive in a packing containment unit of a packing tray;  
3 positioning an exchange tray with an exchange containment unit matching the packing  
4 containment unit above and in contact with the packing tray; and

5       rotating the packing tray and the exchange tray together to move the component from the  
6       packing tray to the exchange tray.

1   24.    The method of claim 23, further comprising:  
2       holding a plurality of components in the packing tray simultaneously; and  
3       transferring the plurality of components to the exchange tray simultaneously.

1   25.    The method of claim 23, wherein the exchange containment unit is an indentation shaped  
2       to hold the component.

1   26.    The method of claim 23, wherein the exchange containment unit is a set of prongs to hold  
2       the component.

1   27.    The method of claim 23, wherein a limiter attached to the exchange base matches a  
2       limiter of the packing tray.

1   28.    The method of claim 23, wherein the component is a magnetic read/write head.

1   29.    The method of claim 23, wherein the component is a micro-actuator.

1   30.    The method of claim 23, wherein the component is a head gimbal assembly.

1   31.    The method of claim 23, wherein the component is a head suspension.

- 1 32. The method of claim 23, further comprising securing at least one pin hole in the exchange
- 2 base to at least one pin hole in the packing tray.